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TABLE OF ACRONYMS

µg	micrograms
AALs	Allowable Ambient Levels
AAQS	Ambient Air Quality Standards
ANC	Acid Neutralizing Capacity
AQD	Air Quality Division
AQRVs	Air Quality Related Values
BACT	Best Available Control Technology
BPIP	Building Profile Input Program
CAA	Clean Air Act
CaO	Calcium Oxide (lime)
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CT	Construction (Permit)
EPA	United States Environmental Protection Agency
ESP	Electrostatic Precipitator
GEP	Good Engineering Practice
gr/dscf	grains per dry standard cubic foot
HAP	Hazardous Air Pollutant
HSH	High/Second High
ISC3	Industrial Source Complex Model - Version 3
ISCST3	Industrial Source Complex Short Term Model - Version 3
IWAQM	Interagency Workgroup on Air Quality Modeling
K	Degrees Kelvin
LAER	Lowest Achievable Emission Rates
lb/MM Btu	pounds per million British Thermal Units
MBS	Sodium Metabisulfite (Na ₂ S ₂ O ₅)
MD	Modification (Permit)
MM TPY	million tons per year
Na ₂ CO ₃	Sodium Carbonate (Soda Ash)
Na ₂ SO ₃	Sodium Sulfite (Sulfite)

TABLE OF ACRONYMS

NAAQS.....	National Ambient Air Quality Standards
NATICH	National Air Toxics Information Clearinghouse
NaOH	Sodium Hydroxide (Caustic Soda)
NO _x	Nitrogen Oxides
NSPS.....	New Source Performance Standard
PM ₁₀	Particulate Matter less than 10 Micrometers
PPH	pounds per hour
PSD	Prevention of Significant Deterioration
SD	Standard Deviation
SILs	Significant Impact Levels
SSAJV	Solvay Soda Ash Joint Venture
Std Dev.....	Standard Deviation
SWWTAF	Southwest Wyoming Technical Air Forum
UAM	Urban Airshed Model
UTM.....	Universal Transect Meridian
VOC.....	Volatile Organic Compounds
WAAQS.....	Wyoming Ambient Air Quality Standards
WAQS&R	Wyoming Air Quality Standards and Regulations
WDEQ	Wyoming Department of Environmental Quality

TABLE OF CAS NUMBERS

Compound	CAS #
ACETALDEHYDE	75-07-0
ACETONE	67-64-1
ACETOPHENONE	98-86-2
ACROLEIN	107-02-8
ACRYLONITRILE	107-13-1
BENZENE	71-43-2
BIPHENYL	92-52-4
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7
1,3 BUTADIENE	106-99-0
2-BUTANONE (METHYL ETHYL KETONE)	78-93-3
2-CHLOROACETOPHENONE	532-27-4
CUMENE	98-82-8
DIBENZOFURAN	132-64-9
DI-N-BUTYL PHTHALATE	84-74-2
ETHYL BENZENE	100-41-4
FORMALDEHYDE	50-00-0
HEXANE	110-54-3
METHYLENE CHLORIDE	75-09-2
3/4-METHYLPHENOL	108-39-4/106-44-5
N,N-DIMETHYLANILINE	121-69-7
NAPHTHALENE	91-20-3
PHENOL	108-95-2
PROPIONALDEHYDE	123-38-6
STYRENE	100-42-5
TOLUENE	108-88-3
1,1,1-TRICHLOROETHANE	71-55-6
TRICHLOROETHENE (TRICHLOROETHYLENE)	79-01-6
XYLENE	1330-20-7